

Figure 1A

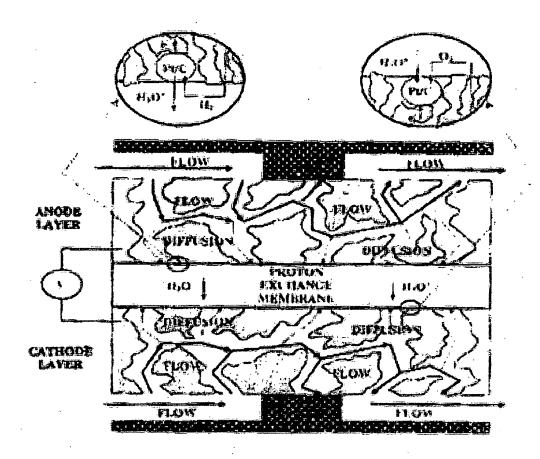


Figure 1B

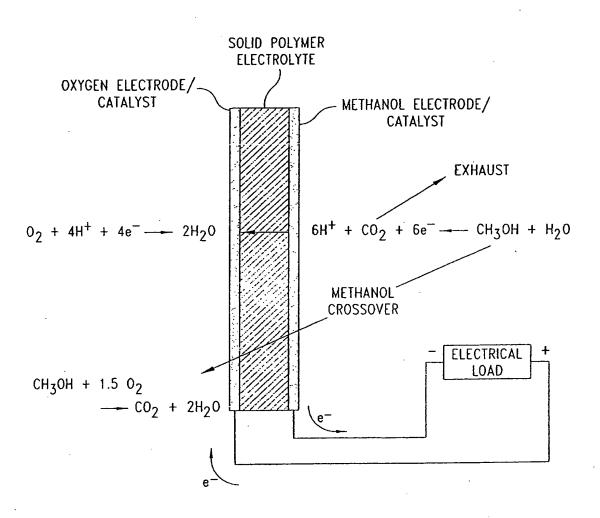


Fig. 2 (Prior Art)

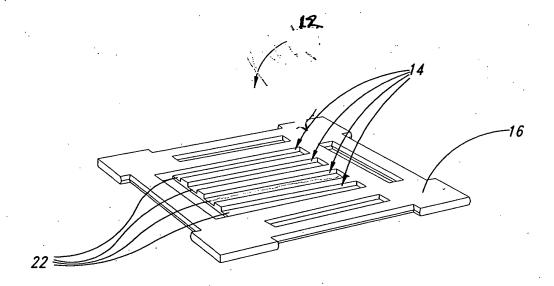


Fig. 3

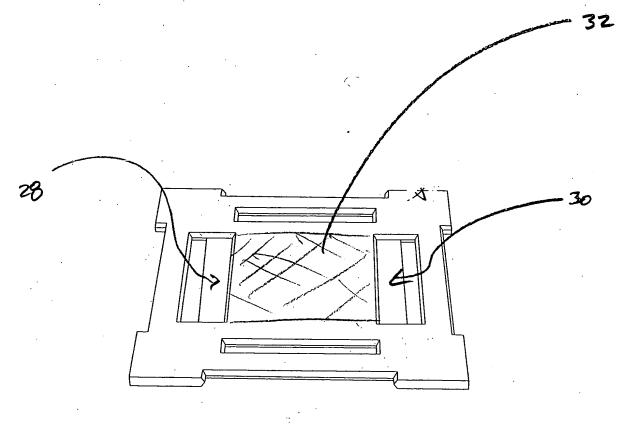


Fig. 4

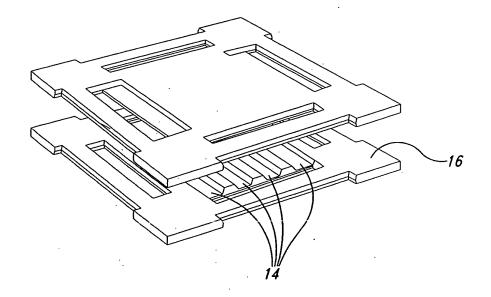


Fig. 5

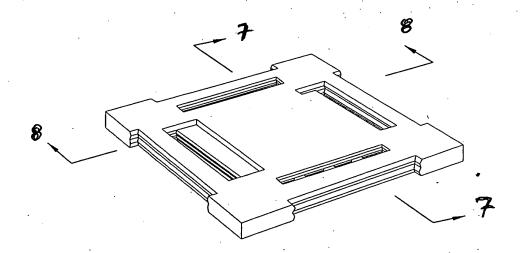
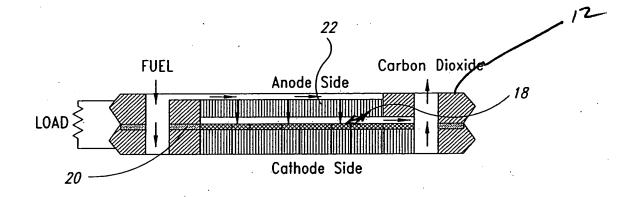


Fig. 6



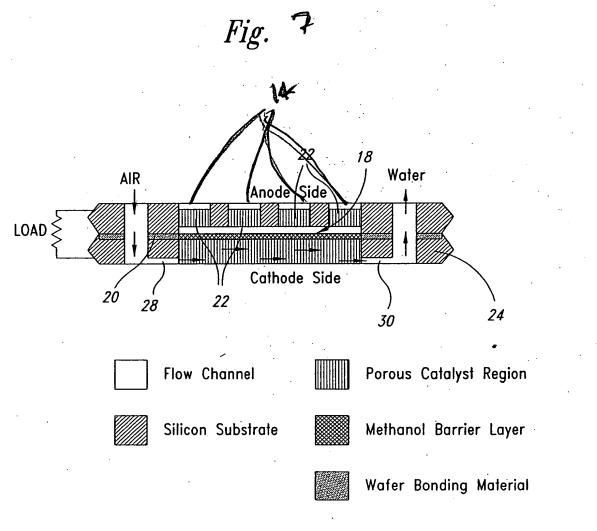


Fig. 8

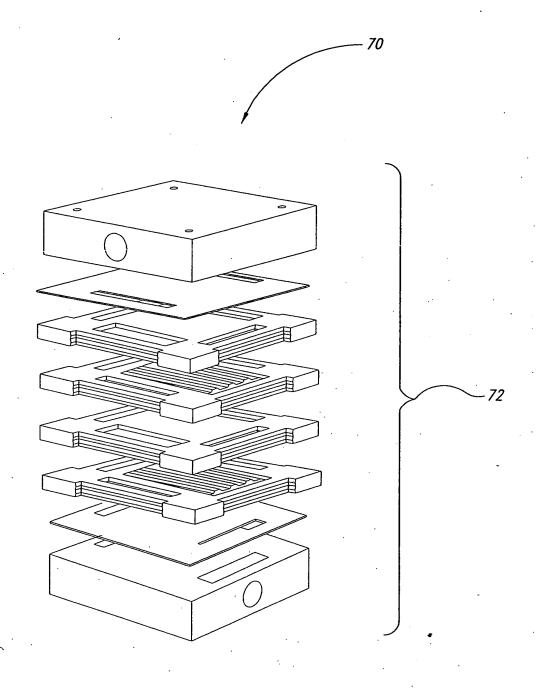


Fig. 9

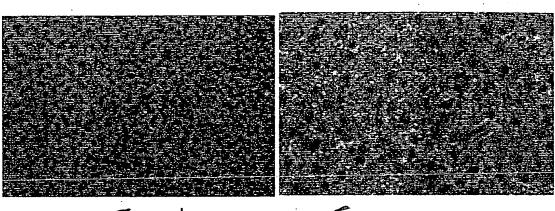


Fig 10A

Fig 10B

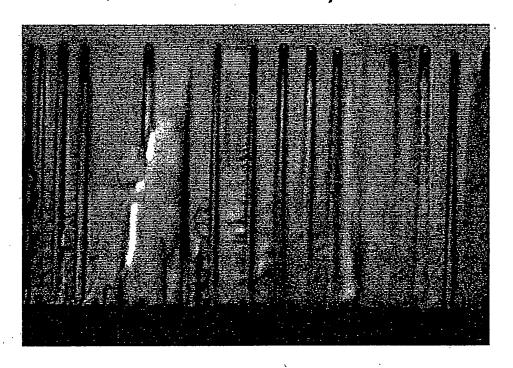
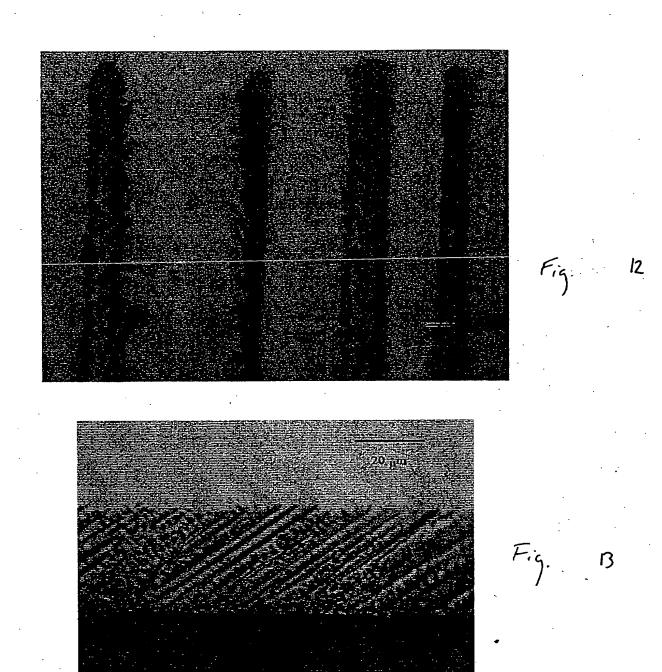
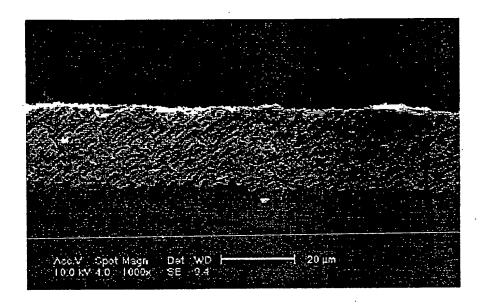
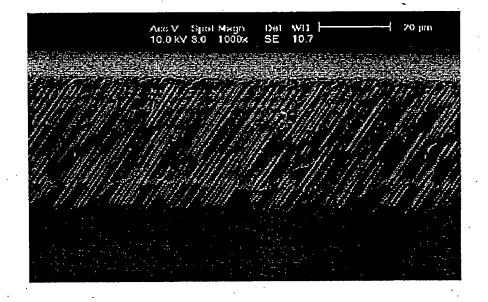


Fig 11







-ig. 14

· è . . . 15

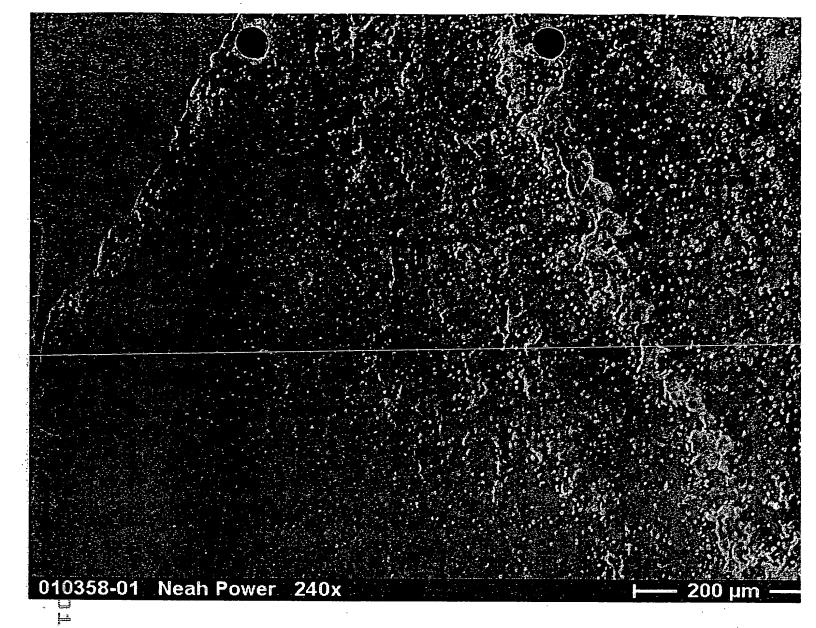


Fig. 1.116

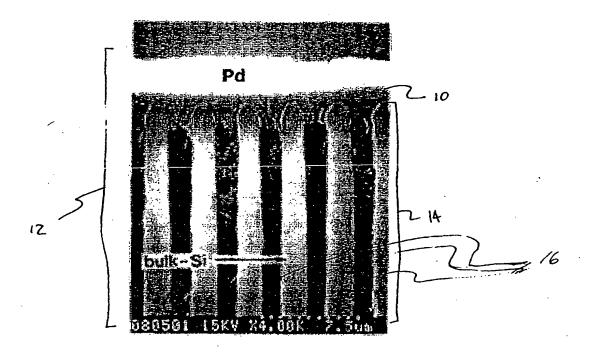
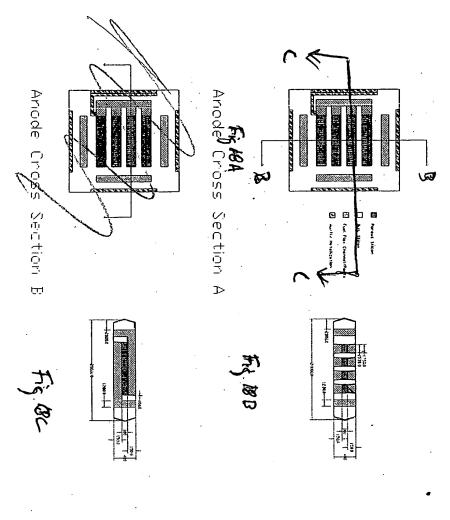


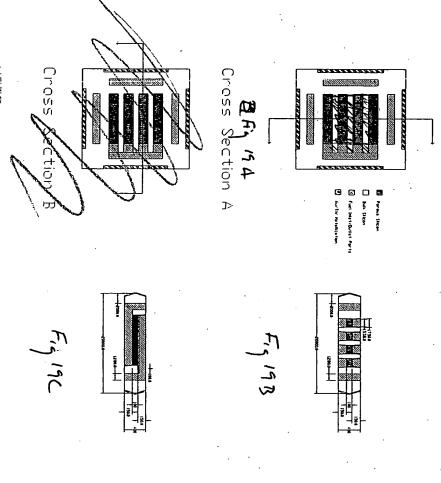
Figure <u>#17</u>

NEA10 - ANDDE TOP VIEW

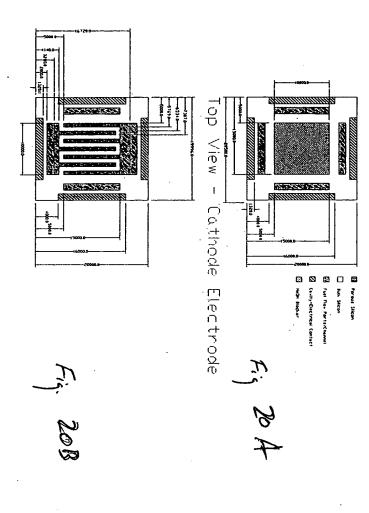


ALTE: Dimensions are a marrons off — 5 micron tale order Helphical one have with his are fore that energy.

NEA10 - ANDDE BOTTOM VIEW

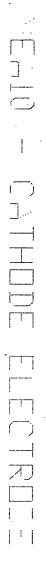


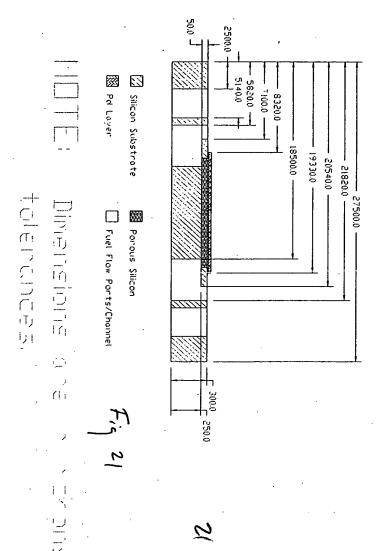
NUTE: Describes the indicates air 5 recent totals are between the total thickness.



Bottom View - Cathode Electrode

IIII En Timersons & Fair department that the Engineer
talexpects.

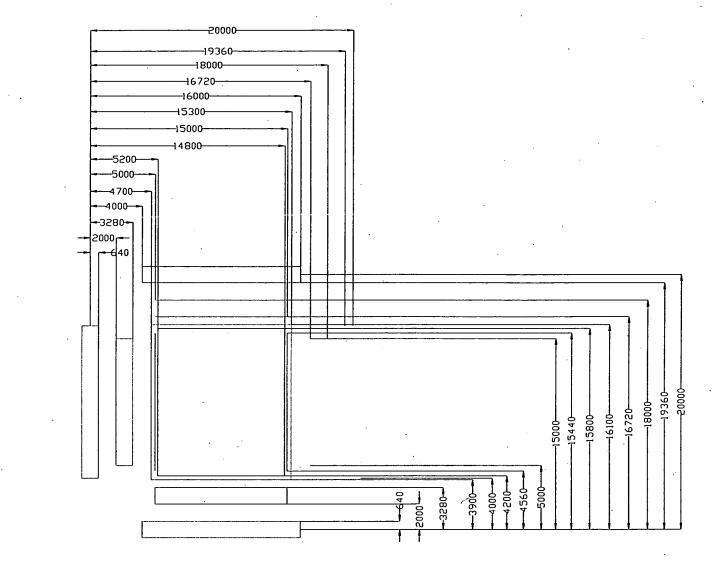




rostan Zazesea

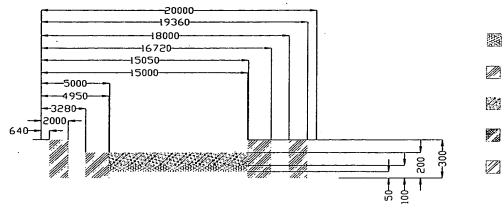
AITH + - S NICHON

Cathode Electrode



Top View LX, YI X1 scale

D9256367 N51501



Side VIPW

Fig. 228

Forcus Slicon

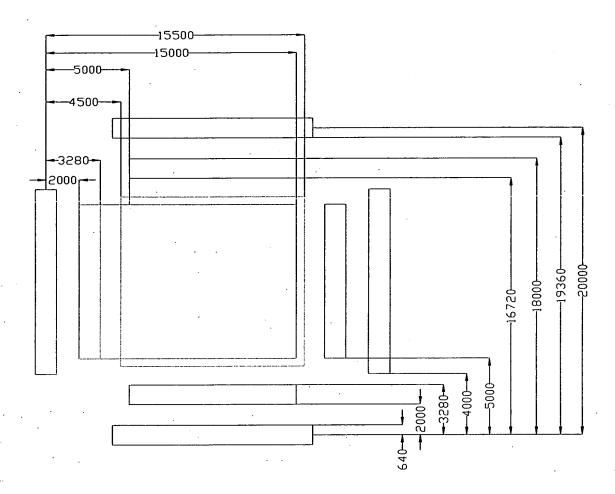
Bully Sticon

⊠ Sul-gε

\$ 502 5000 Angstroms on bottom side

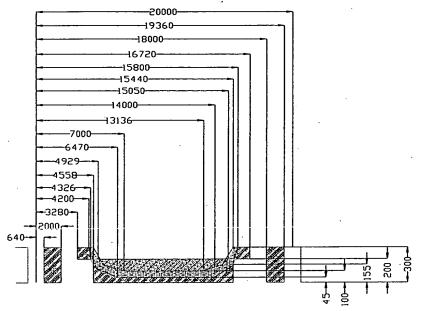
Au/IIV 2.05 Microns on Top and Bottom side

AMORE FLECTOONE



Top View [X,Y] x1 scale

Fig. 22C



DIBN4 1800 Angstrons or outton sice

Aux HV 2.05 Microns on Top and Botton side

Pd Over College and poncus Ul negions

Pendus Dilicon

Buth Shippin

Sr.I-gel

Side View

Fig. 22/2

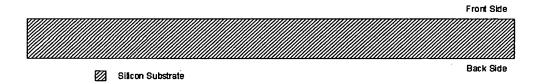


Figure 23

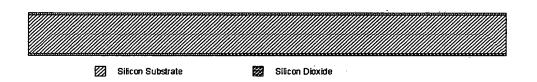
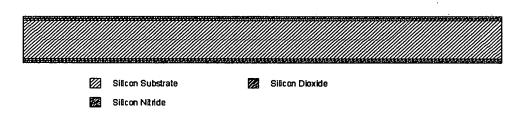


Figure 24



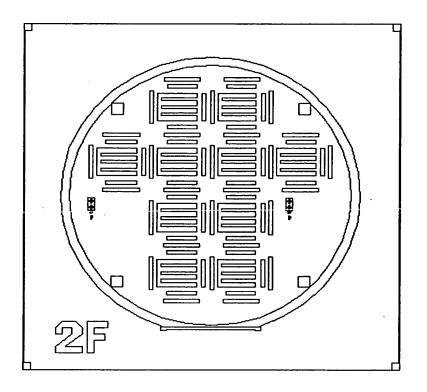


Figure 26A

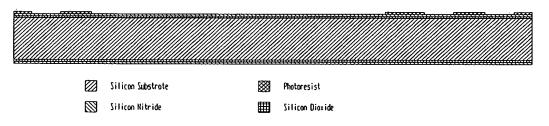
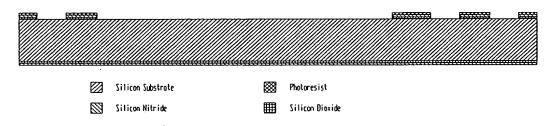
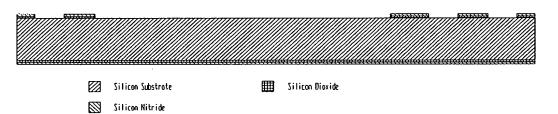


Figure 268





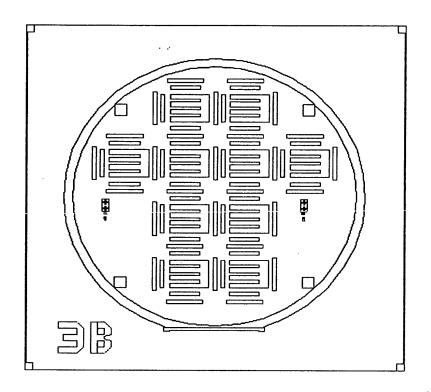


Figure 29A

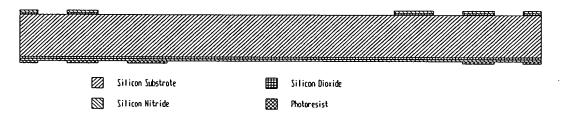


Figure 29B

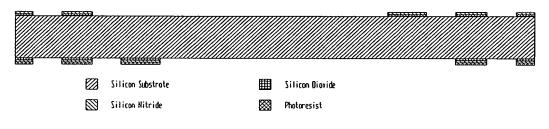


Figure <u></u>

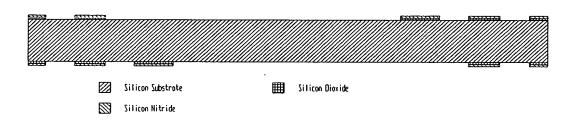
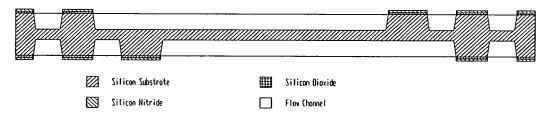


Figure 31



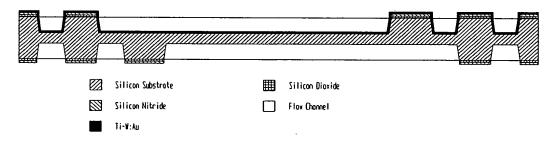


Figure 33

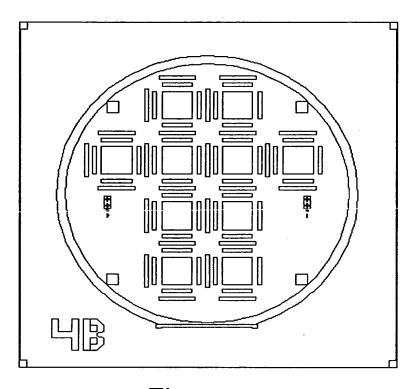


Figure 34A

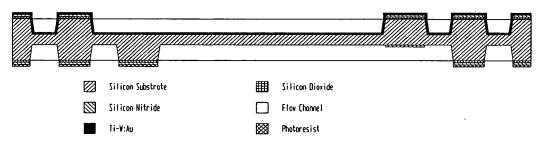


Figure 34B

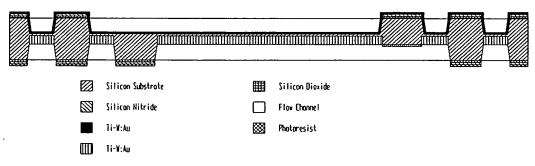


Figure 35

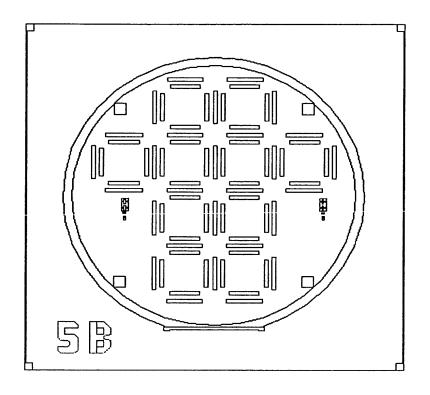


Figure 36A

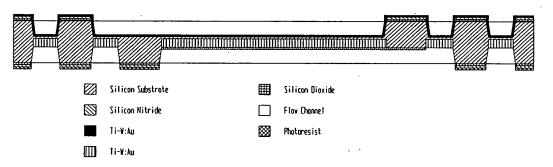


Figure 36B

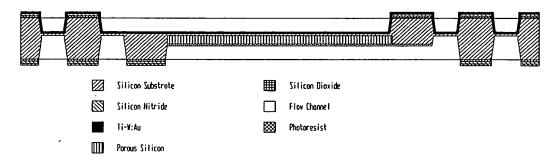


Figure 37

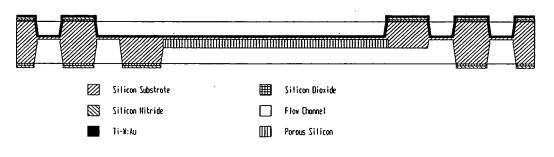


Figure 38

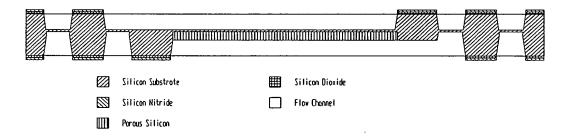


Figure 39

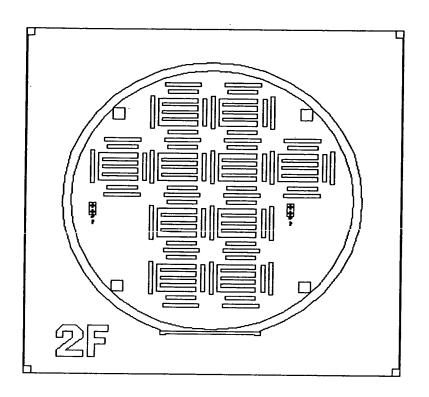


Figure 40A

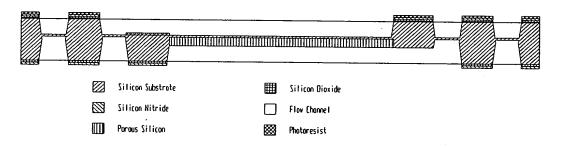
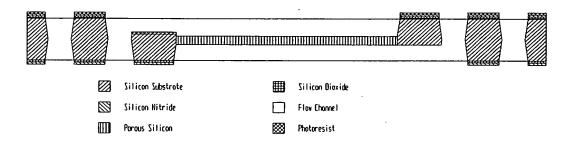


Figure 40.8



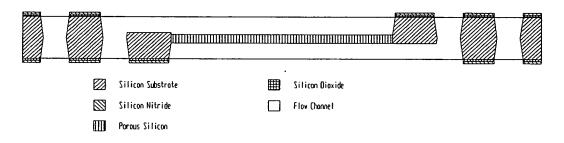


Figure 42

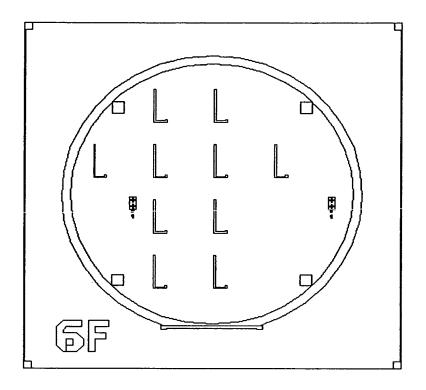


Figure 43A

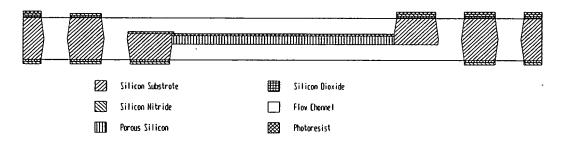
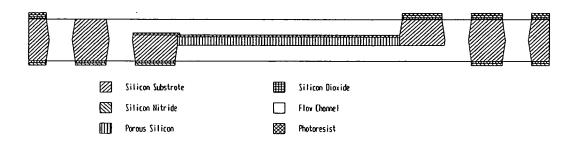
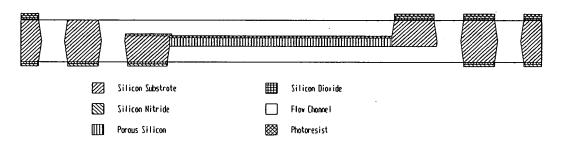


Figure 43B





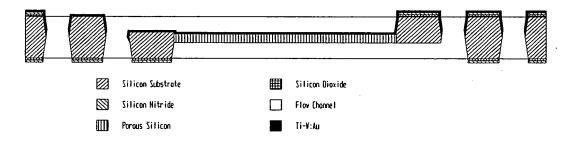


Figure 46

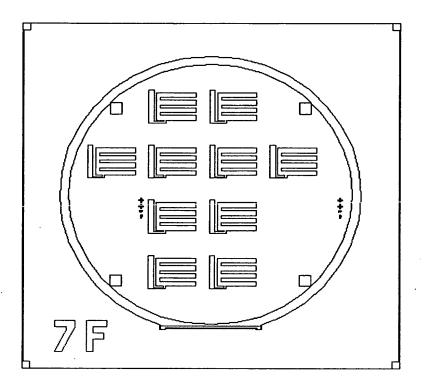


Figure 47A

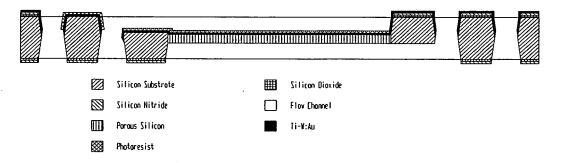
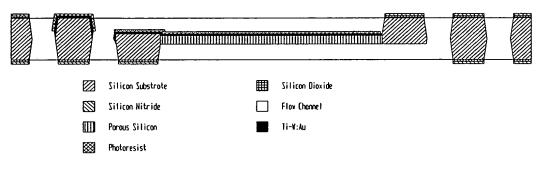
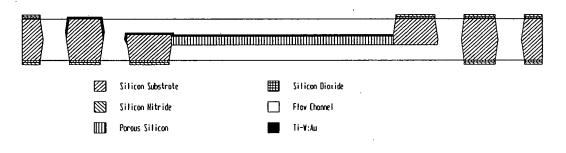


Figure 47B





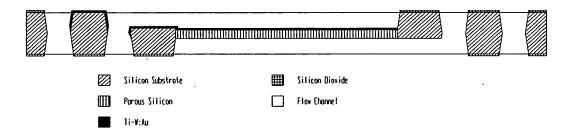
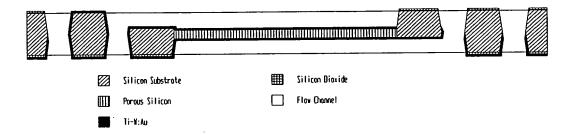


Figure 50



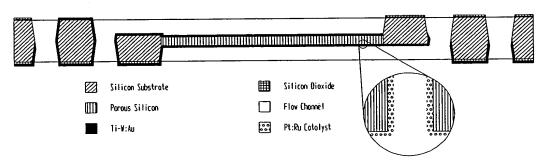


Figure 52

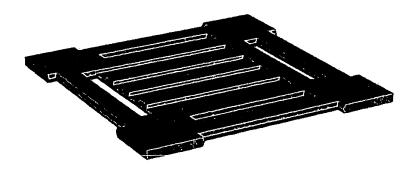


Figure 53A

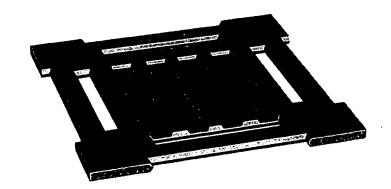


Figure 53B

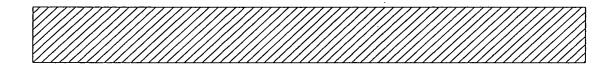
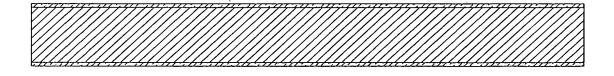


Figure 54



Silicon Substrate

Silicon Nitride

Figure 55

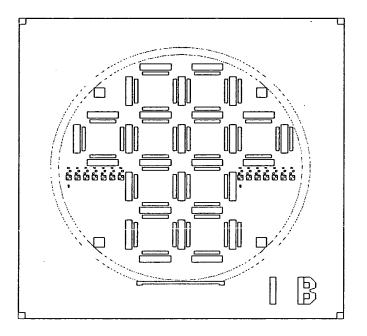
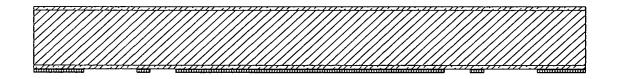


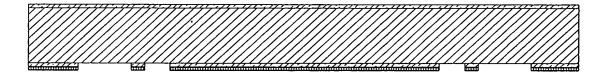
Figure 56A



Silicon Nitride .

Photo Resists

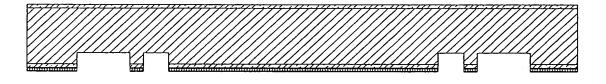
Figure 56B



1. July 10 10

- Silicon Substrate
- Silicon Nitride
- Photo Resists

Figure <u>57</u>



- Silicon Substrate
- Silicon Nitride
- Photo Resists

Figure <u>58</u>

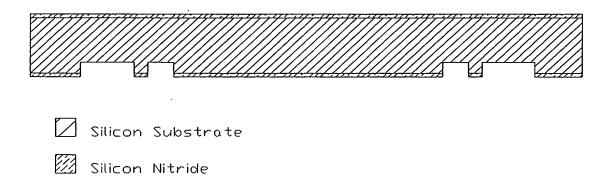


Figure 59

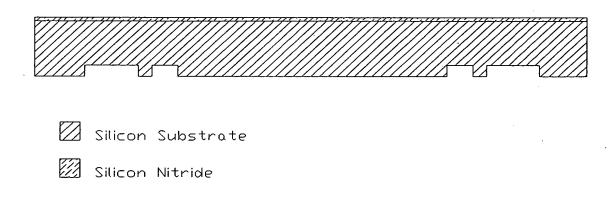


Figure 60

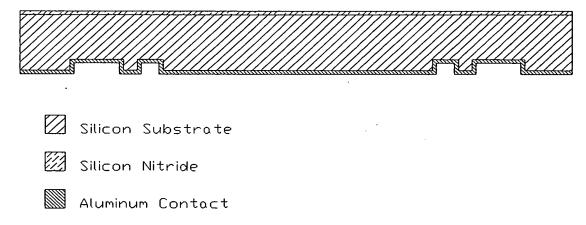


Figure 6

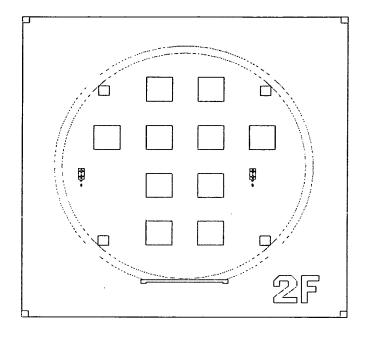


Figure 62 k

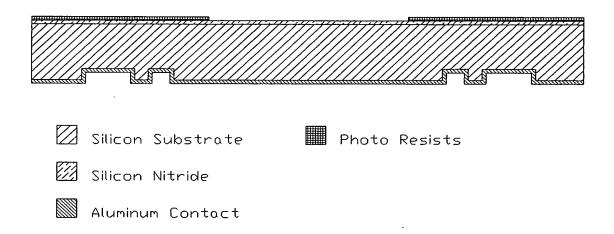


Figure 62B

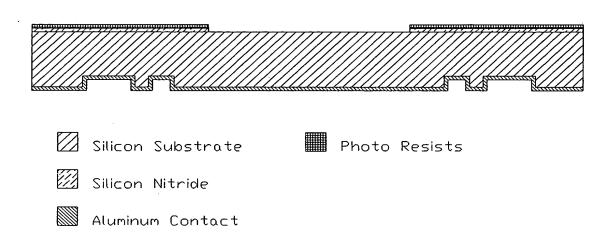


Figure 63

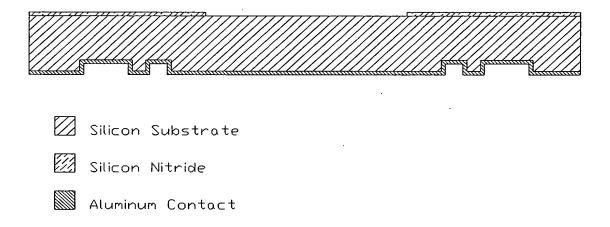
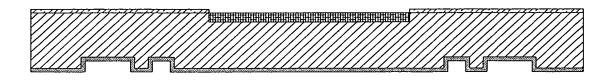
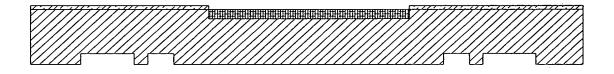


Figure 64



- Silicon Substrate
- Porous Silicon
- Silicon Nitride
- Aluminum Contact

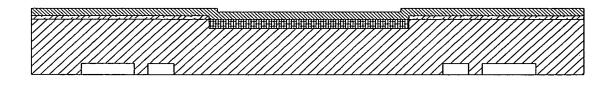
Figure 65



- Silicon Substrate
- Silicon Nitride

Porous Silicon

Figure 66



Aluminum Contact

Silicon Nitride

Porous Silicon

Figure 67

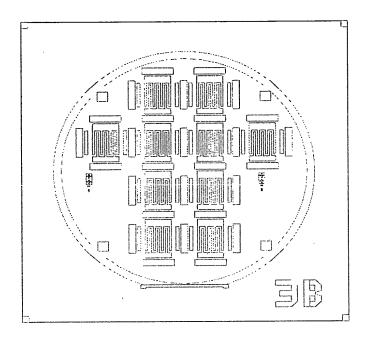
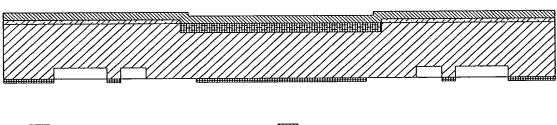


Figure 68A



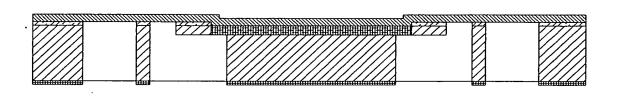
🏙 Aluminum Contact

Silicon Nitride

Porous Silicon

Photo Resists

Figure 68B



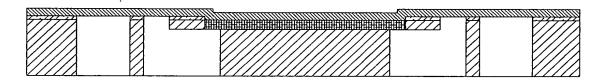
Aluminum Contact

Silicon Nitride

Porous Silicon

Photo Resists

Figure 6



Silicon Substrate

Aluminum Contact

Silicon Nitride

Porous Silicon

Figure 70

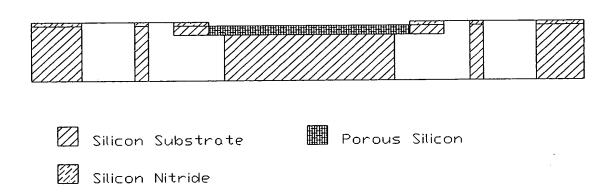
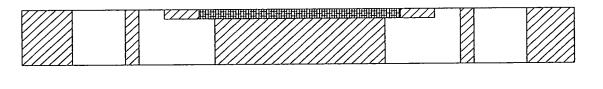


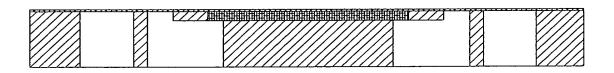
Figure 71



Silicon Substrate

Porous Silicon

Figure 72



Porous Silicon

Metal Seed Layer

Figure 73

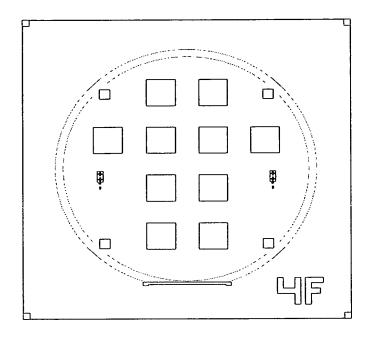


Figure <u>74</u>A

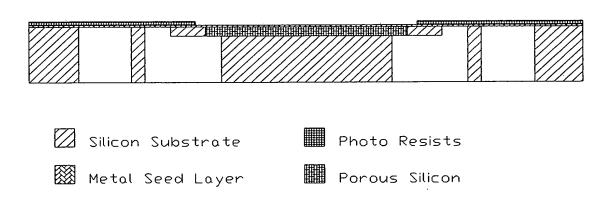


Figure 74B

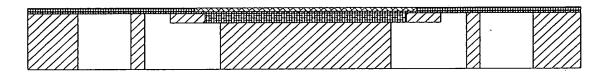
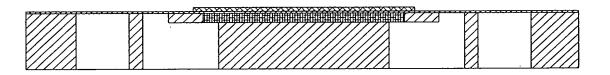


Photo Resists

🔯 Pd Layer

Porous Silicon

Figure 75



Silicon Substrate

Porous Silicon

🔯 Pd Layer

Figure 76

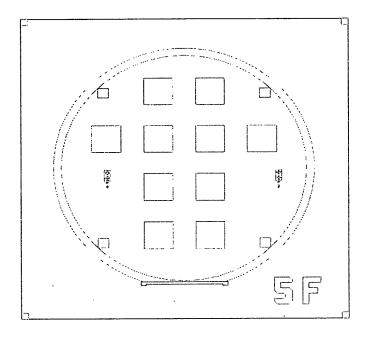


Figure 77A

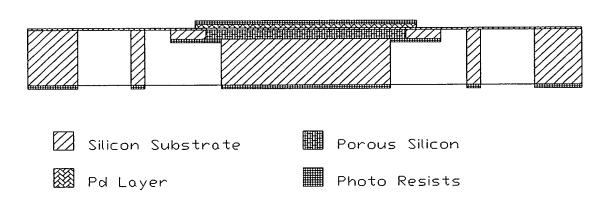
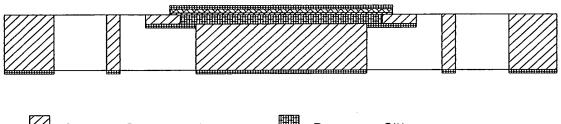


Figure <u>77</u>3

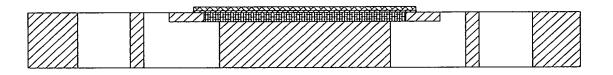


Porous Silicon

₽d Layer

Photo Resists

Figure 78



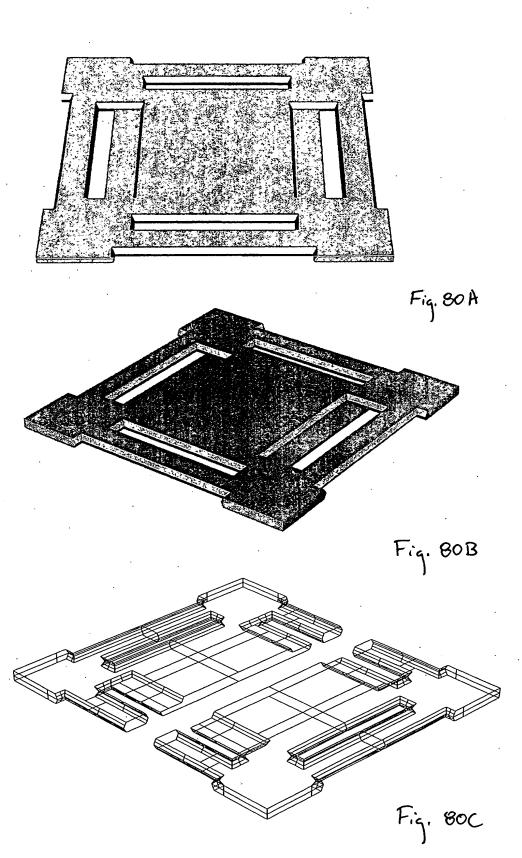
Silicon Substrate

Porous Silicon

🔯 Pd Layer

Figure 79

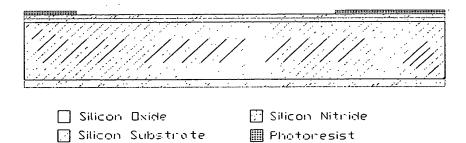
U/TL/527



Silicon Oxide Silicon Substrate	🔂 Silicon Nitride



Fig. _ _82



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◯ Silicon Oxide ◯ Silicon Substr		on Mitnide tonesist

Fig. ___ 84-

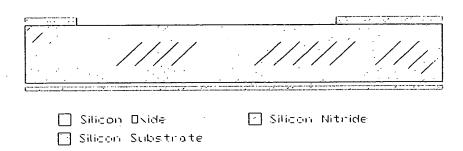
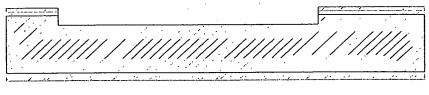


Fig. _ _ 85



- Silicon Oxide
- Silicon Nithide
- Silicon Substrate

Fig. _ %

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///////////////////////////////////////	
<u> </u>	
Silicon Oxide	☐ Silicon Nithide
Silicon Substrate	

Fig. ___ 87

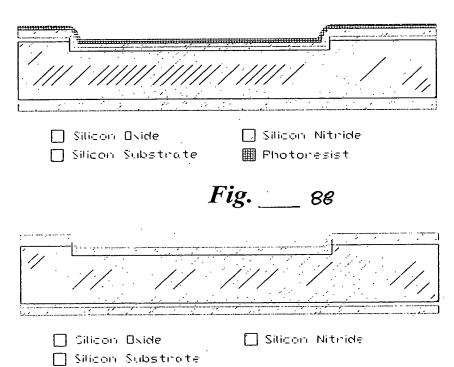


Fig. ___ 89

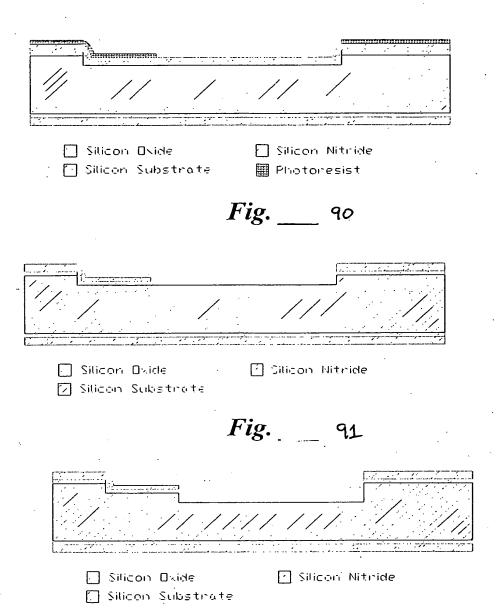
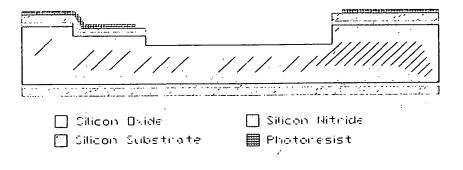


Fig. _ 92



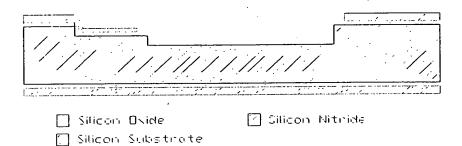
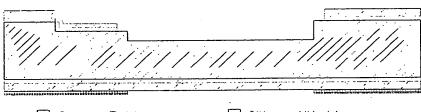
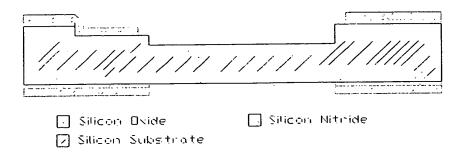


Fig. ___ 94

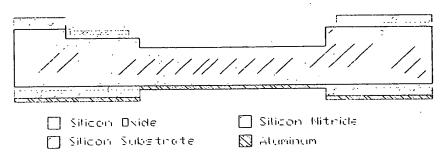


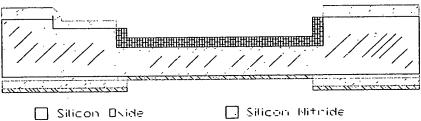
- Silicon Daide
- 🔲 Silicon Nitride
- 📝 Silicon Substrate
- III Photoresist

Fig. 95





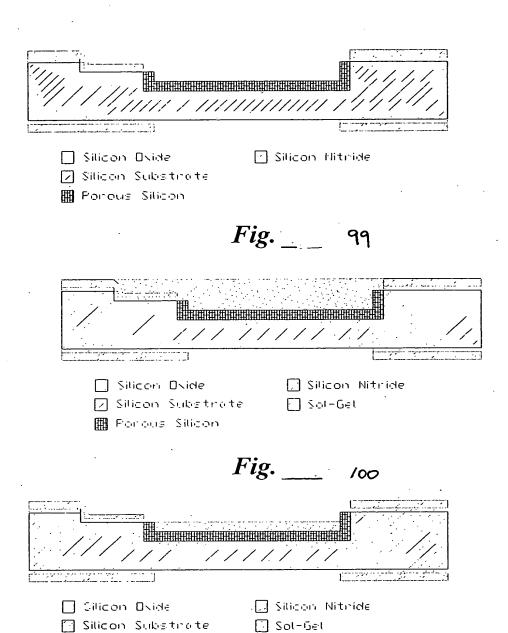




- 🗍 Silicon Substrate

- Pondus Silicon

Atuminum



m Porous Silicon

	The state of the s
Silicon Oxide	Silicon Mithide
🗌 Silicon Substrate	🖺 Sot-Get .
Ponous Siticon	Alciminum

Fig.	102
· .	

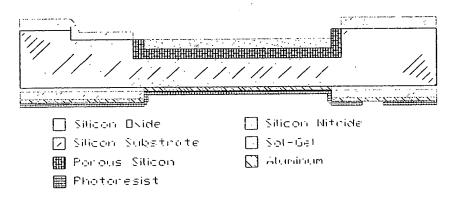
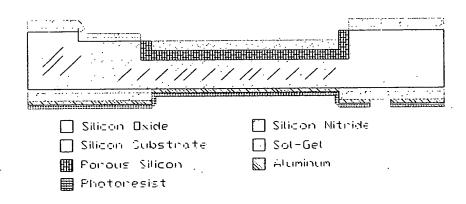
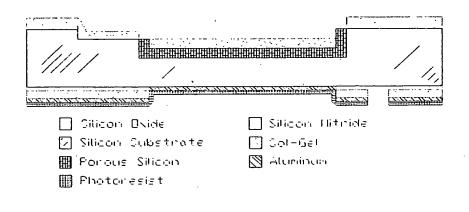
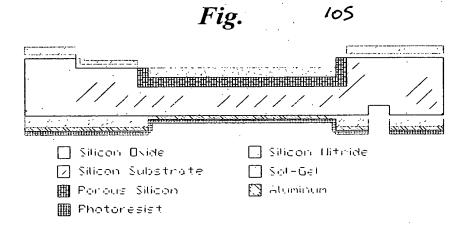
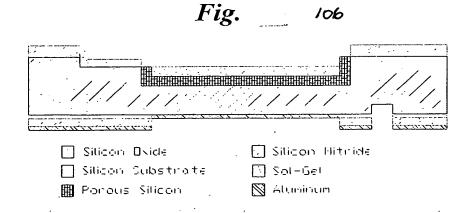


Fig. 103

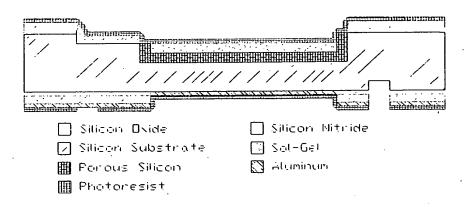








106





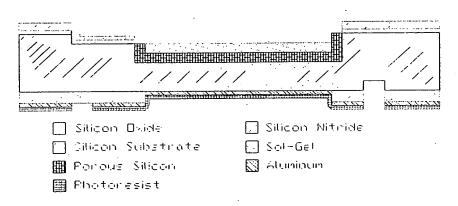
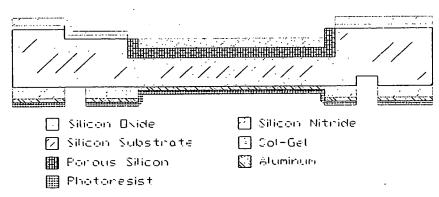
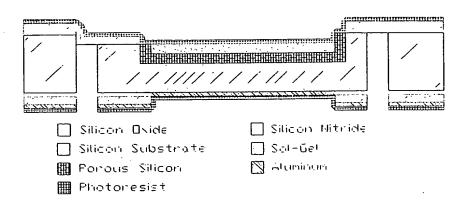
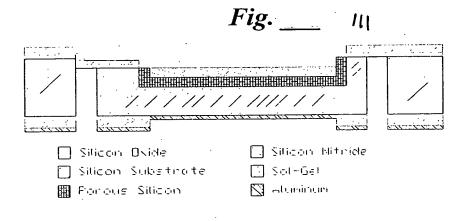
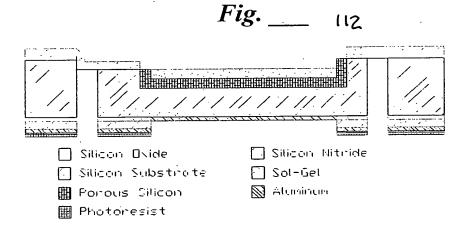


Fig. ____ 109









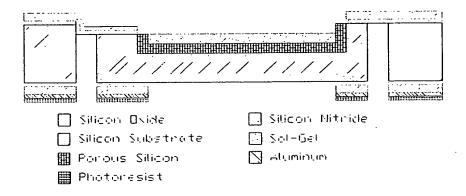


Fig.

114

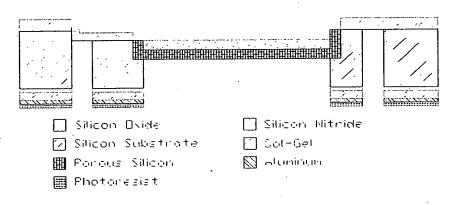


Fig. 115

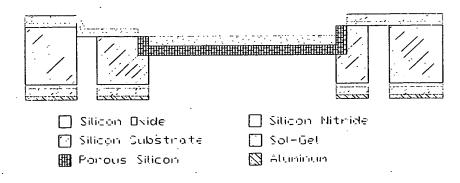
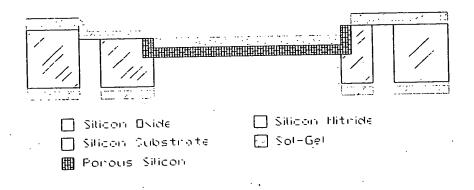


Fig. __ 116



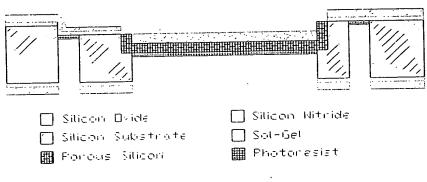


Fig. ____ 118

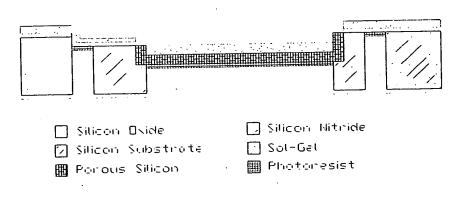
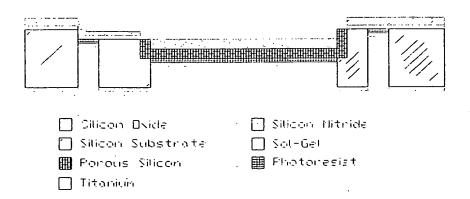
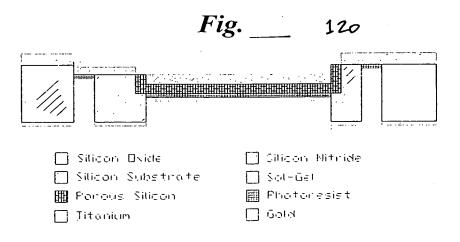


Fig ___ 119







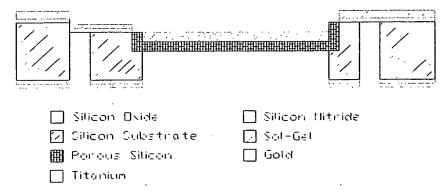


Fig. ___ 122_

☐ Silicon Oxide ☐ Silicon Substrate ☐ Paracis Silicon ☐ Titanium	Silicon NitrideSol-GelGoldPhotomesist

Fig. ___ 123

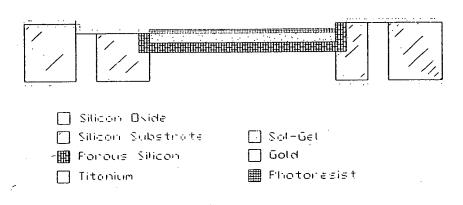
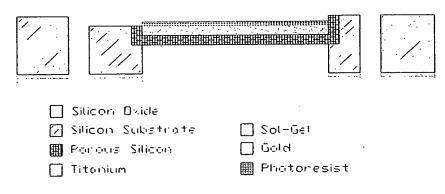


Fig. ___ 124



	namnasjaraierinnimunumunismuin AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	
Silicon Oxide		
✓ Silicon Substro	ite 📋 Gol-Gel	
Porous Silicon	🗌 હિંહાલ	
☐ Titanium	Ⅲ Photone	sist

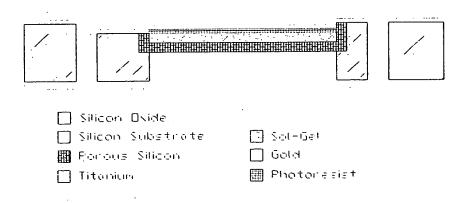


Fig. ___ 127

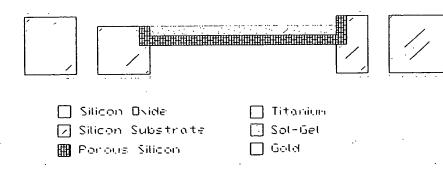
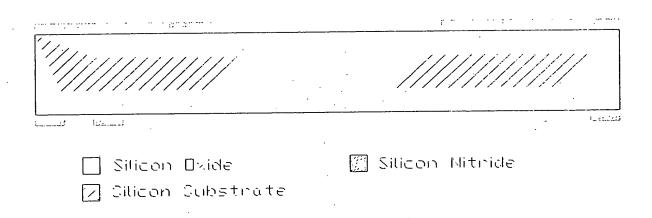


Fig. ___ 128

OPPHER WITH THE PROPERTY OF TH	
////////	
☐ Silicon □\ide ☑ Silicon Substrate Ⅲ Photonesist	Silicon Nitride
Fig	129
☐ Silicon □xide ☐ Silicon Substrate ☐ Photonesist	Silicon Nitride

	Bantana amaran caran	
	anima	THE STATE OF THE S
☐ Silicon Oxide ☐ Silicon Substrate	Silicon Mithide	
## Photonesist		
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131

Fig. _ 132

	kasa j
☐ Silicon □×ide ☑ Silicon Substrate	☐ Silicon Nithide
Fig	133

☐ Silicon Dxide ☐ Silicon Substrate	☑ Siticon Mithide☑ Atuminum

Fig. _____ 134_

	N. T. T.
☐ Silicon ⊡xide ☑ Silicon Substrate	☐ Silicon Nitride ☑ Aluminum
Porous Silicon	

Fig. ____ 135

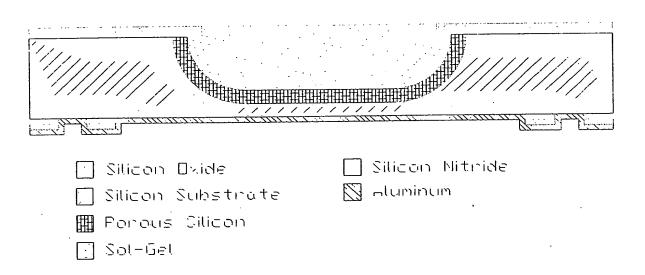


Fig. ___ 136

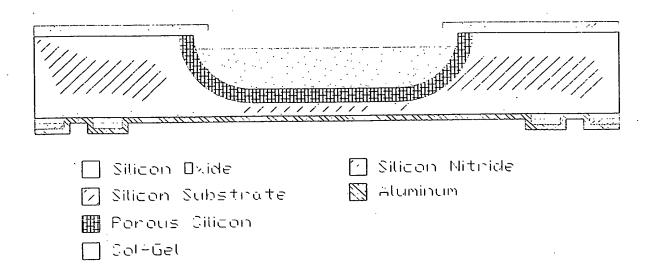
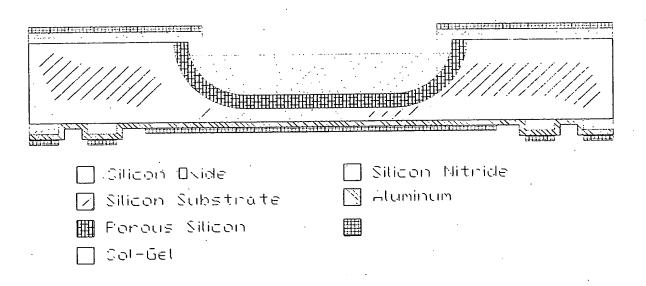


Fig. ____ 137



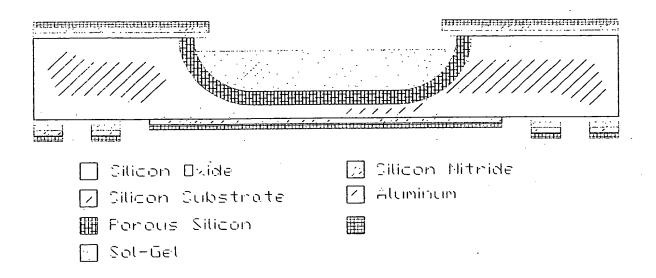


Fig. ____ 139

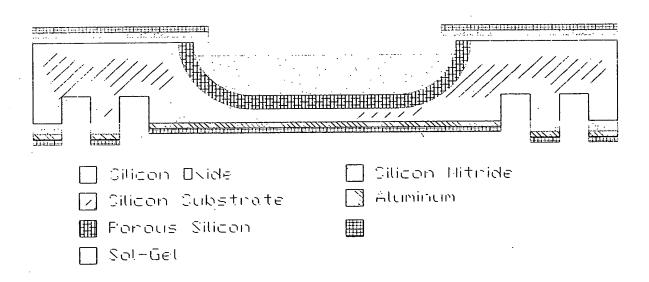


Fig. 140

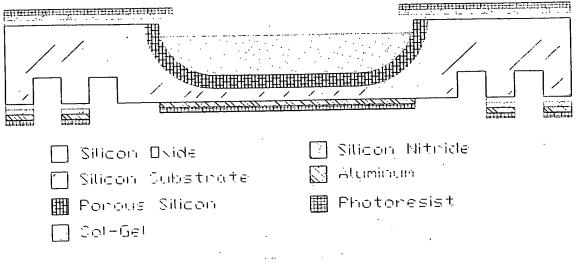
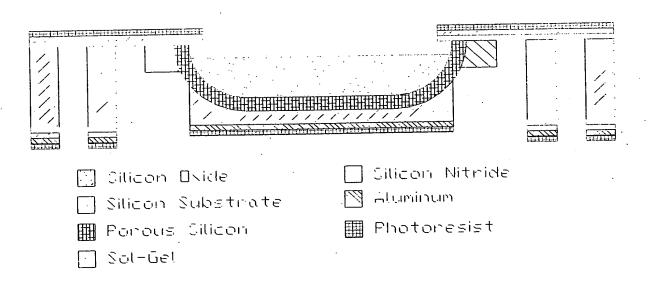


Fig. (4)



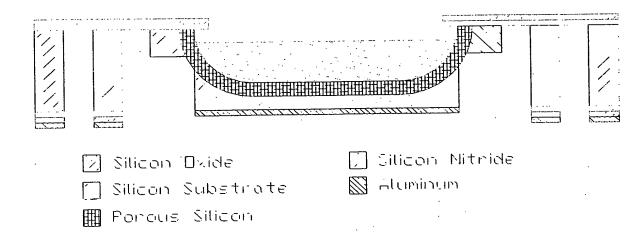
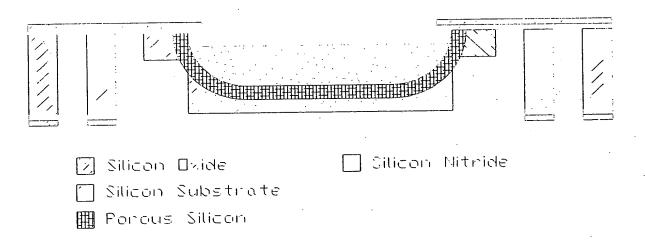


Fig. ___ 143



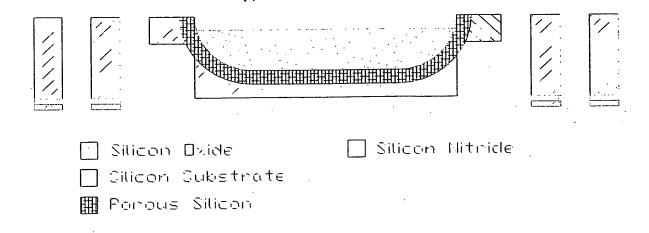
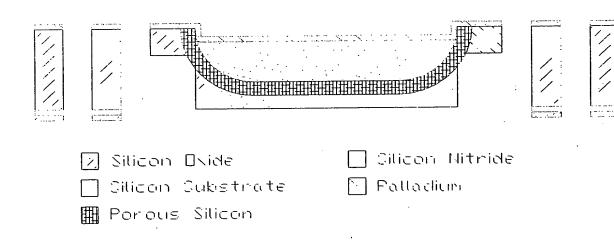


Fig. ____ 145



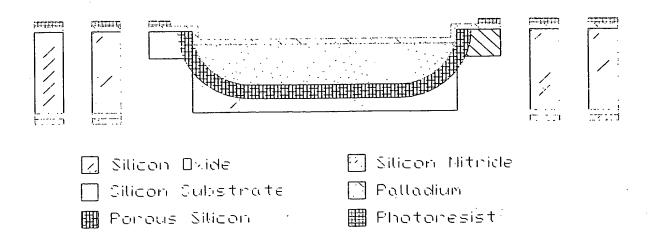
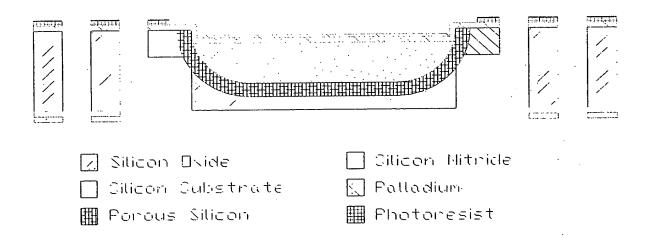


Fig. ____ 147



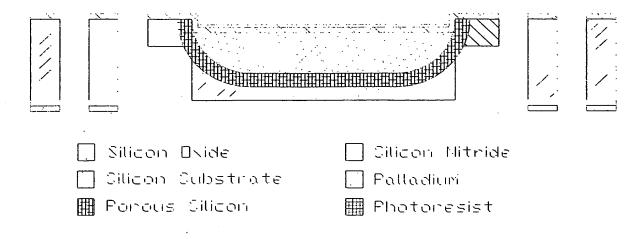
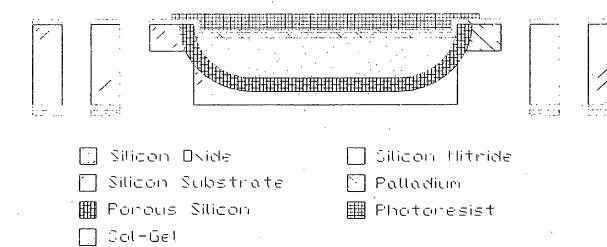


Fig. ____ 149



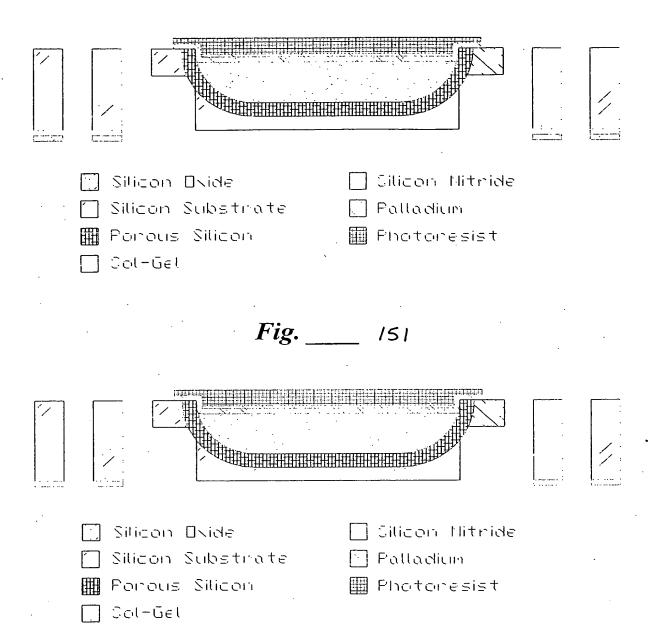


Fig. ____ 152_

☐ Silicon Dwide ☐ Silicon Substrate ☐ Porous Silicon ☐ Sol-Gel	Silicon Mitride Palladium Photonesist Ti-Tungsten Gold	
	,	

153

Fig._